

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-043490
 (43)Date of publication of application : 16.02.1999

(51)Int.CI. C07D495/10
 A61K 31/535
 A61K 31/535
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(21)Application number : 10-146881 (71)Applicant : SANKYO CO LTD
 (22)Date of filing : 28.05.1998 (72)Inventor : NISHI TAKEHIDE
 YAMAGUCHI TAKESHI

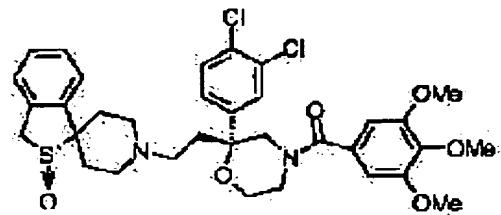
(30)Priority
 Priority number : 09141805 Priority date : 30.05.1997 Priority country : JP

(54) SALT OF OPTICALLY ACTIVE SULFOXIDE DERIVATIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new compound, having an antagonistic activity for receptors of both substance P and neurokinin A and useful as prophylactic and therapeutic agents for tachykinin-mediated diseases.

SOLUTION: This compound is a hydrochloride or a fumarate of 1-[2-[(2 R)-(3,4-dichlorophenyl)-4-(3,4,5-trimethoxybenzoyl)morpholin-2-yl]ethyl]spiro-[benzo(c)thiophene-1(3H),4'-piperidine]-(2S)-oxide [a compound represented by the formula (>S* → O is a sulfoxide in which oxygen is combined with sulfur by the absolute configuration)]. The compound can be produced by converting the compound represented by the formula into the hydrochloride or the fumarate according to a well-known method. For example, psychosis, Alzheimer's disease, osteoarthritis, inflammatory intestinal disease, bronchitis, asthma, rhinitis, incontinence of urine and collagen disease are cited as tachykinin-mediated diseases.



LEGAL STATUS

[Date of request for examination] 05.06.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than dismissal the examiner's decision of rejection or

[application converted registration]

[Date of final disposal for application] 20.01.2006

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

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(19)日本国特許庁(JP)

(12)公開特許公報(A)

(11)特許出願公開番号

特開平11-43490

(43)公開日 平成11年(1999)2月16日

(51)Int.CI.⁶ 識別記号

C 0 7 D 495/10

A 6 1 K 31/535

F I

C 0 7 D 495/10

A 6 1 K 31/535 A B F

A B M

A B M

A C D

A C D

A C V

A C V

審査請求 未請求 請求項の数 15 O L

(全14頁) 最終頁に続く

(21)出願番号 特願平10-146881

(71)出願人 000001856

三共株式会社

東京都中央区日本橋本町3丁目5番1号

(22)出願日 平成10年(1998)5月28日

(72)発明者 西 剛秀

東京都品川区広町1丁目2番58号 三共株式
会社内

(31)優先権主張番号 特願平9-141805

(72)発明者 山口 武

東京都品川区広町1丁目2番58号 三共株式
会社内

(32)優先日 平9(1997)5月30日

(74)代理人 弁理士 大野 彰夫 (外2名)

(33)優先権主張国 日本 (JP)

(54)【発明の名称】光学活性スルホキシド誘導体の塩

(57)【要約】

【課題】良好な経口吸収性を有し、NK₁受容体及びNK₂受容体に対する格別な拮抗活性を有する化合物を提供する。

【解決手段】1- {2-[(2R)- (3,4-ジクロロフェニル)-4-(3,4,5-トリメトキシベンゾイル)モルホリン-2-イル]エチル}スピロ[ベンゾ(c)チオフェン-1(3H),4'-ビペリジン]- (2S)-オキシドの塩酸塩又はフマル酸塩。